20021201.ba v03_n420.bam.20021201

>From ???@??? Sun Dec 1 00:00:35 2002 -0600
Message-Id: <200212010600.gB160T7M016336@sco.theporch.com>
Date: Sun, 1 Dec 2002 00:00:06 CST
From: Old Tube Radios <boatanchors@theporch.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: BOATANCHORS digest 3420

BOATANCHORS Digest 3420

Topics covered in this issue include:

  1) Re: Correctly Loading Audio Output Amps
     by "Al Parker" <anchor@ec.rr.com>
  2) AN/USM-223 multimeter, $20 shipped
     by Andy Wallace <wallace@world.std.com>
  3) Re: Nice Olive Drab BC-221-AK
     by WA5CAB@cs.com
  4) Largesse
     by "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
  5) Re: Correctly Loading Audio Output Amps
     by Scott Robinson <spr@earthlink.net>
  6) 5X7 speaker source
     by Robert Kemp <rkemp@mr.net>

Message-ID: <031a01c298a0$f2d1f2f0$3201a8c0@w8ut>
From: "Al Parker" <anchor@ec.rr.com>
To: Old Tube Radios <boatanchors@theporch.com>
Cc: <boatanchors@theporch.com>
Subject: Re: Correctly Loading Audio Output Amps
Date: Sat, 30 Nov 2002 13:47:35 -0500

I know of several SP-600's that have lost their output xfmrs, probably due
to no res. across an open secondary.
73,
Al, W8UT
New Bern, NC
BoatAnchors appreciated here
http://www.thecompendium.net/radio/
http://www.hammarlund.info

----- Original Message -----
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Subject: Re: Correctly Loading Audio Output Amps

> Right on the HV fm output xfrmr 'flyback.'
>
> Little-known but well-nigh possible failure mode
>

From: Andy Wallace <wallace@world.std.com>
To: Old Tube Radios <boatanchors@theporch.com>
Subject: AN/USM-223 multimeter, $20 shipped
Date: Sat, 30 Nov 2002 14:32:32 -0500
Message-ID: <4c4iuusu9pkfr44j148ag8af6af5kjlcpv@4ax.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Have a meter for sale. Mil AN/USM-223, which I believe is the one specified to use for aligning the R-390A. Case grungy, insides nice. Has cover but no probes or spare fuses. Low Volts function appears to work, takes two BA1312 and one BA2042 batteries (looks like AA and C size)...

As-is...$20 shipped continental US only please.

--Andy
wallace@theworld.com

From: WA5CAB@cs.com
Message-ID: <f.3697b2f.2b1a74c0@cs.com>
Date: Sat, 30 Nov 2002 15:08:32 EST
Subject: Re: Nice Olive Drab BC-221-AK
To: Old Tube Radios <boatanchors@theporch.com>
MIME-Version: 1.0
Content-Type: multipart/alternative; boundary="part1_f.3697b2f.2b1a74c0_boundary"

--part1_f.3697b2f.2b1a74c0_boundary
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Joe & Ed,

$5-$20 is probably typical for unknown condition under a hamfest table. Especially if the table owner is a rice burner owner. Specific models sold "mail order" (or email order) and known to be complete and working bring a bit more. I have about 60 of them (and still don't quite have a good example of every one of the 27 models). Average price that I paid for those classified (by me) as being in good condition is between $30 and $35.

However, a couple were NOSB, some had (properly installed) RA-133's, etc.
And two or three I bought without particular regard for price as they were
models that I didn't have. However, of the three that I use fairly often,
two are -AK's.

BTW, the models that I am still missing examples in good unmodified condx are
-A, D, K, L, R, AC, AF, AG, AL, AN.

>
> They usually are $5-$20 bucks because not many folk appreciate them any
> more. If I didn't have 11 of them I'd buy yours.
> ----- Original Message -----
> From: "Joe Watson" <wwatson5@cox.net>
> To: "Old Tube Radios" <boatanchors@theporch.com>
> Sent: Tuesday, November 26, 2002 1:23 PM
> Subject: Nice Olive Drab BC-221-AK
>
>
> I have an olive drab BC-221-AK which is in very nice condition. It is
> working and is complete with calibration book.
> If anyone is interested, let me know. I do not know what it would be
> worth.
>

72
Robert Downs
Houston
<WA5CAB@cs.com>

--part1_f.3697b2f.2b1a74c0_boundary
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

* *
*   ---REMAINDER OF MESSAGE TRUNCATED---   *
*   This post contains a forbidden message format   *
* (such as an attached file, a v-card, HTML formatting)   *
*   Mail Lists at theporch.com only accept PLAIN TEXT   *
* If your postings display this message your mail program   *
* is not set to send PLAIN TEXT ONLY and needs adjusting   *
* *

--part1_f.3697b2f.2b1a74c0_boundary--

Date: Sat, 30 Nov 2002 17:19:53 -0500 (EST)
From: "Marty's Refl. Drop" <polepeeg@aa4rm.ba-watch.org>
Message-Id: <200211302219.RAA01031@aa4rm.ba-watch.org>

To: Old Tube Radios <boatanchors@theporch.com>
Subject: Largesse

My turn

Have several bunged-up but useable AT-5001/PRC antennas. They fit Canadian CPRC-26 6m FM backpack and, I teenk, the US PRC-10. 4-section rip-rap gizmos that assemble to +/- 48"

     FREE, 1 per customer

Wrapping & shipping $4 in US.

Lotsa good used ones at half the "Fair price."

Several new ones at the "Fair price."

Same wrapping & shipping new-vs-used & I bet the $4 will cover three of these dealies

Is this the answer to someone's prayers?

  Marty

Mime-Version: 1.0
Message-Id: <a05200f00ba0edb3a059f@[66.32.30.17]>
Date: Sat, 30 Nov 2002 13:26:35 -0800
To: Old Tube Radios <boatanchors@theporch.com>
From: Scott Robinson <spr@earthlink.net>
Subject: Re: Correctly Loading Audio Output Amps
Content-Type: text/plain; charset="us-ascii" ; format="flowed"

Flks,

About correctly loading tube audio amplifiers: the issue is not the tubes but how to avoiad trashign the output transformer.

Most radios use pentodes (42, 6F6...) or beam power tubes (6V6) as audio PA tubes. They have a very high output impedance (at least ten times the usual plate load impedance of 5-10 K) and so are essentially current sources. When run with no load, they will make square waves out of even a modest signal since the output stage gain is now more than 10 times its usual value. If you charge up an inductor (the outptu transforemr primary) and then shut it off quickly (like a car ignition system), you will get a very large peak voltage, which can break down the insulation in the windings and trash the output tranny. the tube probably won't arc over, and may

not care much if it does. Don't try this with sand state stuff....

If you have more or less the right load on the secondary this won't
happen. If you don't apply any signal to the output stage (SX-42
scheme) that's OK, too. For bench testing I sometimes short the
output, also safe. Just don't leave it open.

The opposite is true for sand state amps. Nearly all of them are
protected by special circuit features against short circuits, but
they don't care about unloaded operation, since they have no output
transformers. I still avoid shorting them out, as some will quickly
overheat if a signal is present even if they don't immediately die.

Regards,

--

Scott Robinson
spr@earthlink.net

Junque is GOOD for you!

Message-ID: <3DE984BA.5060403@mr.net>
Date: Sat, 30 Nov 2002 21:40:42 -0600
From: Robert Kemp <rkemp@mr.net>
MIME-Version: 1.0
To: Old Tube Radios <boatanchors@theporch.com>
Subject: 5X7 speaker source
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

Who's got good replacement speakers for my Swan 600R
console! It's a 5 x 7 and Radio Shack only has the auto
replacement speakes now and the frame is too massive to fit
in the speaker cabinet. Just need a standard 5 x7 speaker,
w/mounting holes at 4 3/8" I believe.
Bob.

End of BOATANCHORS Digest 3420
****